Junction Box Floor Template

003-1134-00 Rev ID

Umbilical

14.5"
(36.8cm)

7.74"
(19.7cm)

15.48"
(39.3cm)

15.48"
(39.3cm)

16.25"
(41.3cm)

Optional (Square) Junction Box - Outer Contour

Standard (Styled) Junction Box - Inner Contour

WATER SUPPLY REQUIREMENTS

1/2 in. (13 mm) pipe NPT (supplied by contractor) protruding 2 in. (51 mm) above finished surface of floor. Manual shut-off valve (supplied by Midmark) to be installed by contractor.

Water pressure must be 30-50 (max.) PSI at the shut-off valve. Flush water plumbing clean before making final connections to dental equipment.

VACUUM REQUIREMENTS
(OPTIONAL)

Plumbing to junction box should be specified by central vacuum supplier and terminated in junction box with 5/8 in. (16 mm) O.D. tube protruding 1 in. (26 mm) above finished surface of floor.

Universal Power Supply

Vacuum

Electrical

Water

1"
(2.5cm)

2"
(5.1cm)

4.75"
(12.1cm)

1.5"
(3.8cm)

1.75"
(4.4cm)

8.12"
(20.6cm)

4.25"
(10.8cm)

Drain

Air

0.25"
(0.6cm)

DRAIN REQUIREMENTS (optional)

Not less than 1 1/2 in. (38 mm) I.D. pipe from downpipe to trap, decreasing to 3/4 in. (19 cm) pipe from trap to connection box. Terminate with 3/4 in. (19 mm) NPT protruding 1 in. (26 mm) above finished surface of floor. Install elbow fitting and adapter (supplied by Midmark).

Place trap in line and vent to conform with local codes. [All hardware supplied by contractor].

Note:
Receptacle must be oriented as shown, with grounds toward foot-end of Junction Box.

7.74"
(19.7cm)

13.5"
(34.3cm)

AIR SUPPLY REQUIREMENTS

1/2 in. (13 mm) pipe NPT (supplied by contractor) protruding 2 in. (51 mm) from finished surface of floor. Manual shut-off valve (supplied by Midmark) to be installed by contractor.

Air pressure must be 70-100 (max.) PSI at the shut-off valve. Flush air plumbing clean before making final connections to dental equipment.

ELECTRICAL REQUIREMENTS

1/2 in. (13 mm) conduit box with quad or equal receptacle. Wire box per local codes and regulations. Top of box must be no higher than 5 in. (127 mm) above finished surface of floor.

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Small Junction Box Floor Template